Use Case 05: Sell Tickets

Name:

Sell Tickets

Description:

This use case covers selling a number of tickets for a particular movie screening and changing the number of tickets sold.

Actors:

Staff

Triggers:

The use case is triggered by a customer who intends to buy a ticket for a particular movie screening.

Preconditions:

The movie screening (screen and time) for the tickets must already exist in the moive screening schedule.

Postconditions:

After the use case is completed, the number of tickets sold will be updated and display the movie screening, number of tickets sold and the capacity of the screen.

Course of events:

Basic course of events:

1. The user performs the "Display movie screening and the number of tickets sold as well as capacity of screen" use case.

2. The system displays all movie screening (time and screen).

3. The user selects a movie screening from the display.

4. The system highlights the movie screening to indicate it is selected.

5. The user selects the sell tickets funtion, and enters the number of tickets to be sold.

6. The system updates the number of sold tickets for the requsted moive screening, and the display is updated.

Exceptional course of events:

1. The user performs the "Display movie screening and the number of tickets sold as well as capacity of screen" use case.

2. The system display all movie screening (time and screen).

3. The user selects the relevant movie screening from the display.

4. The system highlights the movie screening to indicate it is selected.

5. The user selects the sell tickets funtion.

6. The system warns the user that there are insufficient tickets for that requested movie screening, and returns to step 5.

Extension Points:

None

Inclusion:

Display movie screening and the number of tickets sold as well as capacity of screen